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APR 22 2003

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TECH CENTER 1600



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RAW SEQUENCE LISTING

DATE: 03/13/2003

PATENT APPLICATION: US/09/923,716B

TIME: 14:53:20

Input Set : A:\09923716SeqList.txt

Output Set: N:\CRF4\03132003\I923716B.raw

```

1 <110> APPLICANT: Kramer, Joachim
2   Mander, Thomas
3   Bethell, Richard
4   Benson, Neil
5   Boyd, Helen
6   Greengrass, Pam
7   Kinloch, Ross
9 <120> TITLE OF INVENTION: PROCESS FOR DETECTING THREONINE/SERINE
10  KINASE ACTIVITY
12 <130> FILE REFERENCE: AP33451 070180.0144
14 <140> CURRENT APPLICATION NUMBER: 09/923,716B
C--> 15 <141> CURRENT FILING DATE: 2003-03-10
17 <150> PRIOR APPLICATION NUMBER: 60/224,331
18 <151> PRIOR FILING DATE: 2000-08-11
20 <160> NUMBER OF SEQ ID NOS: 4
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 11
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Peptide based on JNK1/2/3
W--> 32 <221> NAME/KEY: PHOSPHORYLATION
33 <222> LOCATION: (7)...(7)
34 <223> OTHER INFORMATION: Preferred site for MKK4
W--> 36 <400> 1
37 Arg Thr Val Val Tyr Pro Thr Met Met Phe Lys
38 1          5          10
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 11
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Peptide based on JNK1/2/3
W--> 49 <221> NAME/KEY: PHOSPHORYLATION
50 <222> LOCATION: (5)...(5)
51 <223> OTHER INFORMATION: Preferred site for MKK7
W--> 53 <400> 2
54 Arg Thr Val Val Tyr Pro Thr Met Met Phe Lys
55 1          5          10
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 11
60 <212> TYPE: PRT

```

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```

61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Peptide based on JNK1/2/3
W--> 66 <221> NAME/KEY: PHOSPHORYLATION
67 <222> LOCATION: (5)...(5)
68 <223> OTHER INFORMATION: Preferred site for MKK7
W--> 70 <221> PHOSPHORYLATION
71 <222> LOCATION: (7)...(7)
72 <223> OTHER INFORMATION: Preferred site for MKK4
W--> 74 <400> 3
75 Arg Thr Val Val Tyr Pro Thr Met Met Phe Lys
76 1 5 10
79 <210> SEQ ID NO: 4
80 <211> LENGTH: 11
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Peptide based on JNK1/2/3
W--> 87 <221> NAME/KEY: MOD_RES
88 <222> LOCATION: (1)...(1)
89 <223> OTHER INFORMATION: TAMRA-AEEA
W--> 91 <221> PHOSPHORYLATION
92 <222> LOCATION: (5)...(5)
93 <223> OTHER INFORMATION: Preferred site for MKK7
W--> 95 <221> METHYLATION
96 <222> LOCATION: (70)...(7)
97 <223> OTHER INFORMATION: Preferred site for MKK4
W--> 99 <400> 4
100 Arg Thr Val Val Tyr Pro Thr Met Met Phe Lys
101 1 5 10

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VERIFICATION SUMMARY

DATE: 03/13/2003

PATENT APPLICATION: US/09/923,716B

TIME: 14:53:21

Input Set : A:\09923716SeqList.txt

Output Set: N:\CRF4\03132003\I923716B.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:32 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:36 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:49 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:53 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:66 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:70 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:74 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:87 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:91 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:95 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:99 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4